

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 63-097634

(43)Date of publication of application : 28.04.1988

---

(51)Int.Cl.

C08J 5/18  
A61M 1/16  
B01D 13/00  
B01D 13/04

---

(21)Application number : 61-243372

(71)Applicant : TORAY IND INC

(22)Date of filing : 14.10.1986

(72)Inventor : SAKAI YOSHITADA  
SHIMAGAKI MASAOKI  
TANAKA KAZUSANE

---

### (54) HYDROPHILIC MEMBRANE AND ITS PRODUCTION

#### (57)Abstract:

PURPOSE: To obtain the title membrane which contains no soluble component and can be used immediately, by introducing a hydrophilic component into a membrane based on a hydrophobic polymer and water-insolubilizing this component by radiation and/or heating.

CONSTITUTION: A hydrophilic component (e.g., collagen) is introduced into a hydrophobic membrane based on a hydrophobic polymer (e.g., PP) and having an equilibrium moisture content (as measured after being stored in an atmosphere at 20°C and an RH of 65% for one week, weight of water/weight of polymer)  $\leq 5\%$ , preferably,  $\leq 2\%$ , and this membrane is irradiated with a radiation (e.g.,  $\gamma$ -rays) and/or heated to 50W200°C to insolubilize the hydrophilic component.

---

### LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]